



Escalated Enforcement Actions Issued to Reactor Licensees - I

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#)

- [Indian Point 1, 2 & 3](#)

Indian Point 1, 2 & 3 - Docket Nos. 050-00247; 050-00286

NRC Action Number(s) and Facility Name	Action Type (Severity) & Civil Penalty (if any)	Date Issued	Description
EA-08-006 Indian Point 2 & 3	NOVCP (SL III) \$650,000	01/24/2008	On January 24, 2008, a Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$650,000 was issued to Entergy Nuclear Operations, Inc. This action was based on a continuing SL III violation of the NRC's January 31, 2006, Confirmatory Order to implement Section 651(b) of the Energy Policy Act (Act) of 2005. The Order required Entergy to install

			<p>backup power for the Indian Point Alert and Notification System (ANS) by January 31, 2007. The NRC subsequently extended, at the licensee's request, the implementation date to April 15, 2007. On April 23, 2007, the staff issued a Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$130,000 when Entergy failed to meet the April 15, 2007, implementation date. On July 30, 2007, the NRC issued an Order to supplement the requirements of the January 31, 2006, Confirmatory Order, based on Entergy's proposed corrective actions for noncompliance with the Confirmatory Order. On August 30, 2007, the staff issued a subsequent Notice of Violation for Entergy's failure to place the new ANS in service by August 24, 2007, as required by the July 30, 2007, Order. As of April 16, 2007,</p>
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			the licensee remains in violation of the Orders.
EA-07-212 Indian Point 2 & 3	NOV (SL-TBD)	08/30/2007	On August 30, 2007, a Notice of Violation was issued for failure to meet the conditions of a July 30, 2007, Order which required the licensee to implement an Emergency Notification System (ENS) with backup power capability by August 24, 2007. Specifically, the licensee failed to obtain necessary approvals so that the new ENS system could be placed in service as the primary notification system by August 24, 2007. The NRC will determine the severity level, any civil penalty, and any required responses from Entergy regarding this matter at a later time.
EA-07-189 Indian Point 2 & 3	ORDER	07/30/2007	On July 30, 2007, an Immediately Effective Order was issued to Entergy Nuclear Operations, Inc., to ensure compliance with the regulations and implementation of

			<p>the requirements of the Energy Policy Act of 2005. The Order supplemented the requirements of NRC Confirmatory Order (EA-05-190) which required, in part, a backup power system for the Emergency Notification System (ENS). The Confirmatory Order was issued to the Indian Point Nuclear Generating Unit Nos. 2 and 3 on January 31, 2006, and was amended by the NRC on January 23, 2007, extending the implementation date for the required ENS backup power system to April 15, 2007. The requirements of the January 31, 2006, Confirmatory Order remain in effect except as specifically modified or supplemented by this Order.</p>
EA-07-092 Indian Point 2 & 3	NOVCP (SL III) \$130,000	04/23/2007	<p>On April 23, 2007, a Severity Level III Notice of Violation and Proposed Imposition of Civil Penalty in the amount of \$130,000 was issued to</p>

			<p>Entergy Nuclear Operations, Inc. for failure to meet the requirements of a Confirmatory Order (EA-05-190) issued on January 31, 2006. The Order required that the licensee provide and maintain a backup power supply for the Indian Point Emergency Notification System (ENS). Specifically, the "radio only activation" feature, the portion of the ENS for which the backup power capability was provided, was required to meet its test acceptance criteria by April 15, 2007. The licensee did not meet its test acceptance criteria, resulting in the ENS not being fully operable by April 15, 2007.</p>
EA-05-190 Indian Point 2 & 3	ORDER	01/31/2006	<p>On January 31, 2006, an immediately effective Confirmatory Order Modifying License was issued to Entergy Nuclear Operations, Inc., Indian Point Units 2 & 3. The licensee consented to</p>

			<p>modifying its operating licenses for Indian Point Units 2 and 3 to meet the criteria in Section 651(b) of the Energy Policy Act of 2005, that directs the Commission to require that backup power is to be available for the emergency notification system of a power plant, including the emergency siren warning system, if the alternating current within the 10-mile emergency planning zone of the power plant is lost.</p>
EA-05-102 Indian Point 2	NOV (White)	08/01/2005	<p>On August 1, 2005, a Notice of Violation was issued for a violation associated with a White SDP finding involving leakage of water from a safety injection accumulator which contained absorbed nitrogen gas. The licensee's evaluation and correction of this condition adverse to quality was inadequate. The violation cited the licensee's failure to (1) recognize the potential for</p>

			nitrogen gas intrusion into the safety injection system and the resultant potential challenge to safety injection pump operation; and (2) adequately assess industry operating experience related to safety injection accumulator back leakage.
EA-02-162 Indian Point 2	<u>NOV</u> <u>(White)</u>	11/08/2002	On November 8, 2002, a Notice of Violation was issued for a violation involving a white SDP finding involving a moderate degradation of the control room west wall fire barrier. The violation cited the Entergy's failure from the time of initial construction in 1978 to August 2002, to implement and maintain in effect all provisions of the NRC-approved fire protection program.
EA-00-179 Indian Point 2	<u>NOV</u> <u>(Red)</u>	11/20/2000	On November 20, 2000, a Notice of Violation was issued for a violation associated with a Red SDP finding. The violation involved the

			<p>licensee's failure to identify and correct a significant condition adverse to quality involving the presence of primary water stress corrosion cracking flaws in the steam generator tubes, despite opportunities during the 1997 refueling outage. As a result, one of the tubes failed on February 15, 2000, when the reactor was at 100% power.</p>
EA-00-155 Indian Point 2	NOV (White)	08/09/2000	<p>On August 9, 2000, a Notice of Violation was issued for multiple</p> <p>violations that were assessed as White SDP findings. These White findings involved failures to met NRC emergency planning standards for (1) the timely augmentation by the emergency response organization, (2) the timely accountability of onsite radiation emergency workers, and (3) the factual and consistent dissemination of information to the media and a local</p>

			<p>official. These failures contributed to emergency response deficiencies that were exhibited during the course of the SGTF Alert event.</p>
<p>EA-99-319 Indian Point 2</p>	<p>NOVCP (SL II) \$ 88,000</p>	<p>02/25/2000</p>	<p>On February 25, 2000, a Notice of Violation and Proposed Imposition of Civil Penalty of \$88,000 was issued for a Severity Level II problem involving: (1) failure to translate design basis requirements into procedure of the 480 Volt (V) vital bus degraded voltage relays, which led to loss of offsite power to the vital busses; (2) failure to ensure that procedures used to calibrate the breaker trip units for the emergency diesel generators (EDGs) were adequate, which led to the inoperability of one EDG, and (3) failure to take corrective actions for a significant condition adverse to quality involving repetitive problems with the reactor protection system</p>

			over-temperature/delta temperature circuitry, which led to initiation of a reactor trip.
EA-98-336 & 98-344 Indian Point 3	<u>NOVCP</u> <u>(SL III)</u> <u>\$55,000</u>	08/19/1998	Following a design modification in October 1997, failure to have adequate design measures to ensure that the emergency diesel generator (EDG) auxiliaries would perform within the design basis.
EA-97-367 Indian Point 2	<u>NOVCP</u> <u>(SL III)</u> <u>\$110,000</u>	10/07/1997	Reactor recirculation pump inoperable.
EA-97-294 Indian Point 3	<u>NOVCP</u> <u>(SL III)</u> <u>\$ 55,000</u>	08/19/1997	Design control problems
EA-97-576; 98-028; 98-056; 98-192 Indian Point 2 & 3	<u>NOVCP</u> <u>(SL III)</u> <u>\$110,000</u>	07/06/1997	Violations related to: inaccurate information, DB50 breakers, technical specification surveillance testing, and containment atmosphere control.
EAs 96-509; 97-031; 97-113; 97-191 Indian Point 2	<u>NOVCP</u> <u>(SL III)</u> <u>\$205,000</u>	05/27/1997	Appendix R issues involving hot shorts and loss of instrumentation, inadequate corrective actions, feedwater regulating valve failed open due to sandblasting grit, and failure to

			identify actuation of fire dampers.
EA-96-089 Indian Point 2	NOV (SL III)	05/06/1996	Inadequate 50.59 evaluation and possible TS violation on control room ventilation from control building roof maintenance.